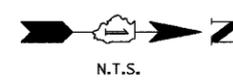


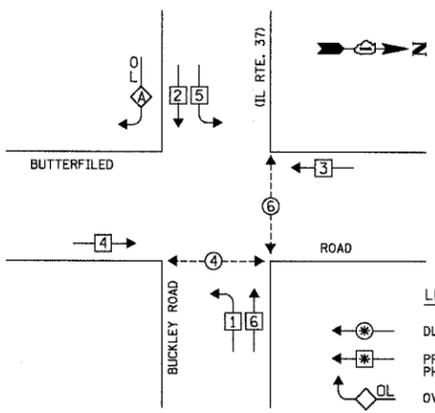
F.A.U.	SECTION	COUNTY	TOTAL SHEET NO.
2647	99-00142-07-WR	LAKE	256 99
CONTRACT NO. 83815			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- X TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR

TEMPORARY CONTROLLER SEQUENCE



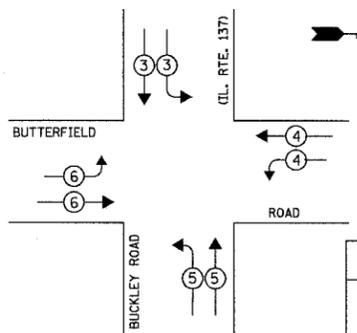
LEGEND

- ◀* DUAL ENTRY PHASE
- ◀* PROTECTED LEFT TURN PHASE
- ◀ OVERLAP
- ◀* PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

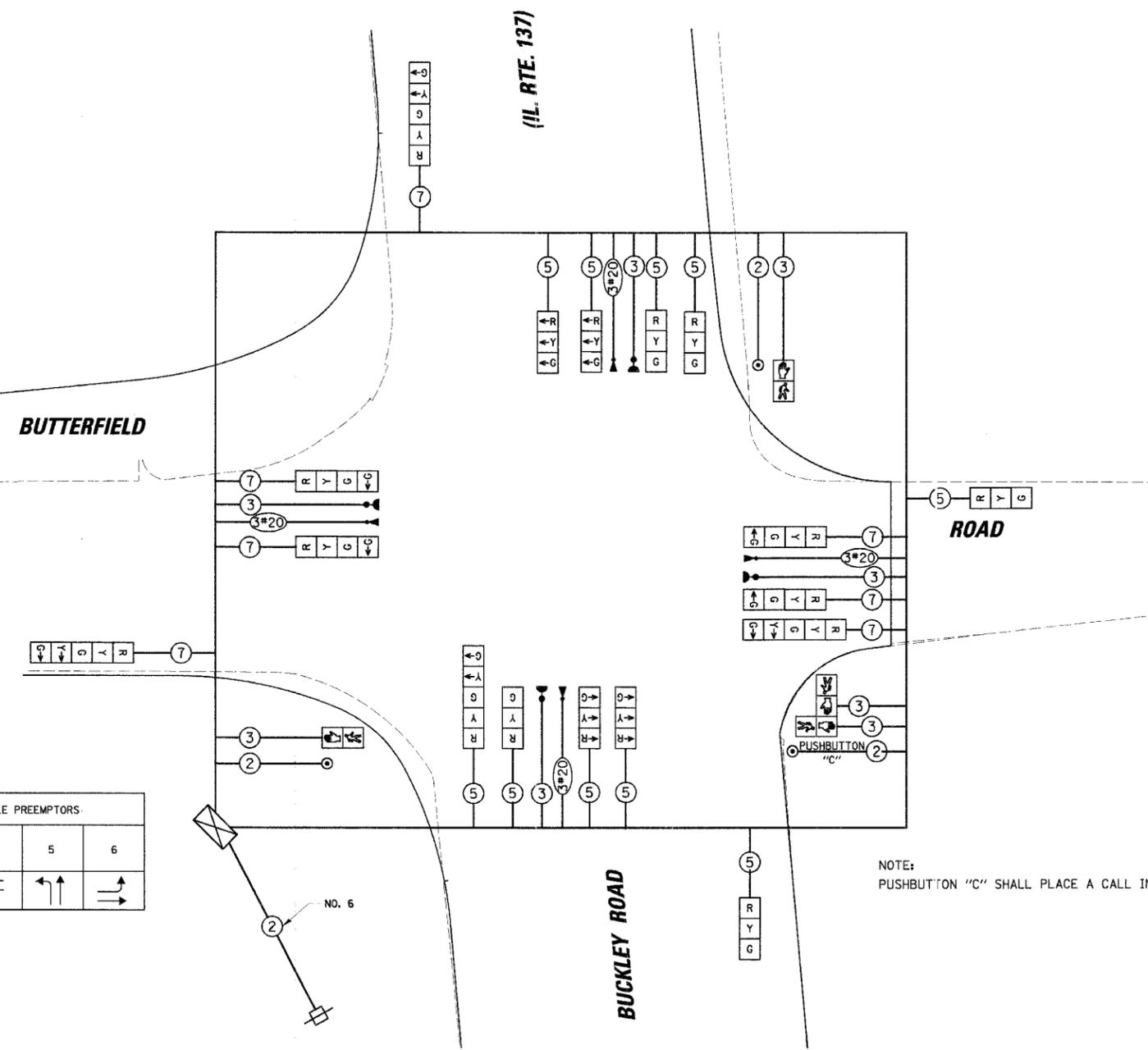
TEMPORARY PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	↓	↖	↗	→



NOTE: PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 4 AND 6.

TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		X INCAND.	LED		
SIGNAL (RED)	17	135		0.50	1147.50
(YELLOW)	13	135		0.25	438.75
(GREEN)	17	135		0.25	573.75
ARROW	16	135		0.10	216.00
PED. SIGNAL	4	90		1.00	360.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN	-	252		0.05	-
FLASHER	-			0.50	
ENERGY COSTS TO:					TOTAL = 2836.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: MIKE TYSON
 PHONE: (847) 816-5500
 COMPANY: COMED

FOUNDATION (DEPTH)	FT.	(m)	CABLE SLACK	FT.	(m)	VERTICAL	FT.	(m)
TYPE A - POST	4	(1.2)	HANDHOLE	6.5	(2.0)	ALL FOUNDATIONS	3.5	(1.0)
D - CONTROLLER	4	(1.2)	DOUBLE HANDHOLE	13	(4.0)	MAST ARM (L) POLE	20'+L-2'	
E - M. ARM POLE			SIGNAL POST	2	(1.0)	(6m+L-0.6m)		
24" (600mm)	10	(3.0)	CONTROLLER CAB.	1	(0.5)	BRACKET MOUNTED	13	(4.0)
30" (750mm)	15	(4.6)	FIBER OPTIC	13	(4.0)	PED. PUSHBUTTON	4	(1.2)
36" (900mm)	15	(4.6)	ELECTRIC SERVICE	1	(0.5)	ELECTRIC SERVICE	13.5	(4.1)
			GROUND CABLE	1	(0.5)	SERVICE TO GROUND	13.5	(4.1)
						POST MOUNTED	6	(1.8)

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM
 BUTTERFIELD ROAD AND (IL. RT. 137) BUCKLEY ROAD
 VILLAGE OF LIBERTYVILLE
 SCALE: 1" = 20'
 DATE: 12/2/2005
 DRAWN BY: FPB/FCP
 DESIGNED BY:
 CHECKED BY: ABR

12/2/2005 No. LIBERTYVILLE 99-3889 Tr. Office: TC/B. buckley.dgn